

PATENT SPECIFICATION



Convention Date (Dominion of Canada): Nov. 1, 1935.

464,373

Application Date (In United Kingdom): May 7, 1936. No. 12901/36.

Complete Specification Accepted: April 16, 1937.

COMPLETE SPECIFICATION

Improvements relating to Boxes Primarily for Containing Paper Tissues

We, NATIONAL CELLULOSE OF CANADA LIMITED, a Company incorporated in accordance with the Laws of the Dominion of Canada, of 579, Richmond Street West, Toronto, Canada, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

10 This invention relates to boxes primarily for containing paper tissues such as used for face cleaning or handkerchief purposes, and an object of the present invention is to provide an improved construction of box to enable used paper tissues to be accommodated therein in a sanitary manner, after use.

It has been proposed to construct a match box in which the usual tray or draw is provided with a displaceable false bottom or division member to enable live and used matches to be accommodated in the tray on each side respectively of the said bottom.

25 It has also been proposed to construct a purse or portable case for money, cigars and other articles having a division member secured to a band or gusset constituting the sides of the case so as to divide the case into two compartments.

30 In the construction of a device for receiving and dispensing sanitary tissues in which two containers are secured together in end-to-end relation it has been proposed to provide the walls of the containers with perforations along which the walls are adapted to be torn to provide apertures through which tissues are withdrawn or inserted in the containers.

40 According to this invention a box primarily for containing paper tissues is provided interiorly with a division member between two opposed faces, which division member divides the box into two compartments, characterised in that tearing lines constituted by perforations or scorings are formed in each of the said two opposed faces, which faces are adapted to be torn along the tearing lines to provide apertures communicating respectively with the said two compartments.

[Price 1/-]

Each of the tearing lines may extend partially along the aperture so as to leave a hinged line and enable the area of the face within the tearing line to be used as a hinged cover element for said aperture.

An embodiment of the invention as applied to a box for containing paper tissues is shown in the accompanying drawings, wherein:—

Fig. 1 is a perspective view of the box from the extraction side, and showing the extraction aperture open.

Fig. 2 is a perspective view of the box from the insertion side showing the insertion aperture open.

Fig. 3 is a mid cross section through the box, with the insertion and extraction apertures open, and showing unused and used tissues within the box.

Referring to the drawings, the box 1 may be of light cardboard, or other suitable material, in which the folded tissues 2 are enclosed. A displaceable division 3 extending across the whole area of the box is arranged therein at the area of the folded tissues. The division which may be formed of a sheet of cardboard is a snug fit within the box but is displaceable therein by a slight pressure against its face. The front face 4 and the adjacent side 5 are perforated or scored to give ready access to the folded tissues so that they can be readily removed. The area of the face 4 within the perforation or scoring lines constitutes a closure member 7 for the said extraction aperture, the scoring lines or perforations extending only partially around such area so as to leave a hinged line 8 about which the closure member can be displaced.

The back face 9 of the box is perforated or scored in a suitable manner to form an insertion aperture 10, which is preferably of a narrow slot-like shape, the insertion aperture preferably being formed in a manner similar to that in which the extraction aperture is formed as above described by means of perforation or scoring lines. The perforation or scoring lines preferably extend only partially around the insertion aperture so that the area of the face 9 within the said lines

constitutes a closure flap 11 for the insertion aperture, a hinged line 12 being formed about which the closure flap 11 can be displaced. The flap 11 is preferably formed with a centre tab 13 to facilitate the displacement of the tab.

The box is assembled with the tissues in place therein, and with the extraction and insertion apertures sealed. When it is desired to use the tissues the perforated lines around the extraction and insertion apertures are broken and a tissue is removed through the extraction aperture. After being used the used tissue is pushed through the insertion aperture 10, the pressure of the fingers pushing the division 8 inwardly against the resilient folded tissues on the opposite side thereof.

It will be understood that as further tissues are removed through the extraction aperture and inserted through the insertion aperture, the division member 3 is further displaced towards the front of the box to provide increased space in the back compartment to permit of the used tissues being inserted therein.

As previously stated the division member may be formed from material of a flexible character, and the periphery of the said division member may be secured to the interior of the box in sealed relation so as to prevent unused paper tissues being contaminated by the used tissues.

In a modified arrangement the division member may be sealed within the box intermediate the depth thereof.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

1. A box primarily for containing paper tissues provided interiorly with a division member between two opposed

faces which division member divides the box into two compartments, characterised in that tearing lines constituted by perforations or scorings are formed in each of the said two opposed faces, which faces are adapted to be torn along the tearing lines to provide apertures communicating respectively with the said two compartments.

2. A box according to claim 1 in which the division member is displaceable.

3. A box according to claim 1 or 2 in which the aperture in one of the opposed faces is extended down one side of the box so as to expose the edges of tissues packed therein.

4. A box according to claim 1, 2 or 3 in which each tearing line extends partially round the aperture so as to leave a hinge line and enable the area of the face within the tearing line to be used as a hinged cover element for said aperture.

5. A box according to claim 1, 2, 3 or 4 in which the displaceable member is of tray like form with upstanding portions round its periphery, the said portions slidably engaging the inner surface of the box and constituting guides so as to facilitate the displacement of the displaceable member with the plane of its surface at right angles to the axis of the box.

6. A box according to claim 1 in which the division member is of a flexible character and sealed around its periphery to the interior of the box.

7. A box primarily for paper tissues constructed substantially as described with reference to the accompanying drawings.

Dated this 7th day of May, 1936.

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[This Drawing is a reproduction of the Original on a reduced scale.]

